

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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## Report No. 430                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 5/1/10 to 6/1/10:

- **WF2XFW    THE BOEING COMPANY    0336-EX-PL-2009**  
New experimental to operate in select frequency bands between 30 MHz and 18000 MHz for testing the aircraft shielding effectiveness of the 787 airframe.  
Fixed: Glasgow, MT
- **WF2XKD    RADIO DESIGN GROUP, INC.    0176-EX-PL-2010**  
New experimental to operate in 174 – 216 MHz and 470 – 512 MHz to test a wireless intercom that will utilizes the ACSB, RF platform.  
Mobile: Grants Pass, OR
- **WF2XFI    INVERTIX    0316-EX-PL-2009**  
New experimental to operate in 420-600 MHz to test two-way communication systems.  
Mobile: Las Cruces (Dona Ana), NM
- **WF2XKT    WORCESTER POLYTECHNIC INSTITUTE    0215-EX-PL-2010**  
New experimental to operate in 512 – 608 MHz to conducted research, design, construction and evaluation of equipment that uses radio-location technology to precisely identify the location of firefighters and firefighter deployed sensors within a building.  
Mobile: Stow, (Middlesex), MA; Worcester (Worcester), MA; Plymouth (Hennepin), MN
- **WF2XKH    CISCO SYSTEMS INC    0143-EX-PL-2010**  
New experimental to operate in frequency bands between 824 MHz and 2170 MHz for equipment testing.  
Mobile: Milpitas, CA; Richfield, OH; Richardson (Collin), TX; Tewksbury (Middlesex), MA
- **WF2XGU    SENSIS CORPORATION    0427-EX-PL-2009**  
New experimental to operate in 1215 – 1400 MHz to test ground based sensors for detecting, identifying, tracking and reporting aircraft.  
Fixed: Manlius (Onondaga), NY
- **WF2XHJ    CESSNA AIRCRAFT COMPANY    0461-EX-PL-2009**  
New experimental to operate on 1575.42 MHz for testing GPS equipment.  
Fixed: Wichita (Sedgwick), KS
- **WF2XIE    SAVI NETWORKS    0474-EX-PL-2009**  
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.  
Fixed: Sunnyvale, CA

- **WF2XIT SAAB TRAINING USA 0095-EX-PL-2010**  
New experimental to operate in 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.  
Fixed: Orlando (Orange), FL
- **WF2XJB HONEYWELL INTERNATIONAL 0161-EX-PL-2010**  
New experimental to operate in 1711.5-1721.5 MHz and 1755-1848 MHz to support direct digital radio link capability for unmanned aerial vehicles.  
Mobile: Albuquerque, NM, Airborne, max altitude 180 ft. AGL
- **WF2XIN FRANCE TELECOM RESEARCH AND DEVELOPMENT, LLC 0069-EX-PL-2010**  
New experimental to operate in 1751.80 - 1751.80 MHz, 1752.60 MHz - 1752.70 MHz, 1846.80 - 1846.90 MHz, 1847.60 - 1847.70 MHz, 1934.90 - 1939.90 MHz and 2124.90 - 2129.90 MHz for research and testing the antenna.  
Fixed & Mobile: South San Francisco (San Mateo), CA
- **WF2XIW INTEL CORPORATION 0106-EX-PL-2010**  
New experimental to operate in 2496 – 2690 MHz to test WiMAX technology.  
Mobile: Herndon and Arlington, VA
- **WF2XKA WINGS LAB, UNIVERSITY OF WISCONSIN-MADISON 0171-EX-PL-2010**  
New experimental to operate on 2525.50 MHz, 2549.50 MHz and 2590.50 MHz for GENI WiMAX Infrastructure testing  
Fixed: Madison (Dane), WI
- **WF2XKY POLYTECHNIC INSTITUTE OF NYU 0210-EX-PL-2010**  
New experimental to operate in 2535-2540 MHz to conduct a WiMax network research project.  
Mobile: Brooklyn (Kings), NY
- **WF2XIX LOCKHEED MARTIN CORPORATION 0153-EX-PL-2010**  
New experimental to operate on 9600 MHz to test SAR radar.  
Fixed & Mobile: Goodyear (Maricopa), AZ
- **WF2XJH BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0150-EX-PL-2010**  
New experimental to operate in 14.40 - 14.85 GHz and 15.15 - 15.35 GHz for testing a robust and reliable microwave data link for manned and unmanned vehicles.  
Mobile: Temporary fixed ground-based operations, Greenlawn, NY
- **WF2XJF RAYTHEON COMPANY 0127-EX-PL-2010**  
New experimental to operate in 34 – 38 GHz for testing of the multi-function radio frequency system (MFRFS) compact high gain active phase array radar.  
Fixed & Mobile: Tucson, (Pima), AZ; Redstone Arsenal (Madison), AL
- **WF2XIR THE AEROSPACE CORPORATION 0045-EX-PL-2010**  
New experimental to operate in 71 – 76 GHz and 81 – 86 GHz for propagation testing  
Fixed & Mobile: El Segundo (Los Angeles), CA
- **WF2XJT GENERAL DYNAMICS ADVANCED INFORMATION SYSTEMS 0163-EX-PL-2010**  
New experimental to operate on 1575.42 GHz for testing of standalone stores management system for controlling weapons on a platform.  
Fixed: Bloomington (Hennepin), NM